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500.36707CX1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11000 U.S. PTO
09/887328
06/25/01

Applicants: N. KOBAYASHI et al.
Serial No.: Not Yet Assigned
Continuation of Application Serial No.
09/185,097
Filed: Even Date Herewith
For: DIGITAL MAGNETIC RECORDING/REPRODUCING
APPARATUS
Art Unit: 2634 (Anticipated)
Examiner: C. Fan (Anticipated)

INFORMATION DISCLOSURE STATEMENT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

June 25, 2001

Sir:

Pursuant to 37 CFR 1.97(b) and 1.98, attached hereto is a form PTO-1449 listing the seven references which were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial 09/185,097 filed on November 3, 1998, the parent application of the present continuation application.

Pursuant to 37 CFR 1.98(d), copies of these seven references are not being provided with this Information Disclosure Statement because the references were previously cited by or submitted to the Office in the prior application identified above and the prior application is being relied upon in the present application for an earlier filing date under 35 USC 120 as required by 37 CFR 1.98(d)(1), and the references which were submitted to the Office in the prior

application were submitted in compliance with the version of 37 CFR 1.98(a)-(c) in effect as of the filing date of this Information Disclosure Statement as required by 37 CFR 1.98(d)(2).

The IEEE Transactions on Communications reference is cited on page 5 of the specification.

English abstracts of Japanese references 8-293164 and 9-213008 were submitted to the Office in the prior application identified above as required with respect to the present application by the version of 37 CFR 1.98(a)(3)(ii) and 37 CFR 1.98(d)(2) in effect as of the filing date of this Information Disclosure Statement.

U.S. Patent No. 6,046,874 is a U.S. counterpart of Japanese reference 8-293164.

Japanese references 8-293164 and 9-213008 are not in the English language.

The concise explanation of the relevance of Japanese reference 8-293164 required by 37 CFR 1.98(a)(3)(i) is provided by the English abstract of this reference, and by U.S. Patent No. 6,046,874 which is a U.S. counterpart of this reference.

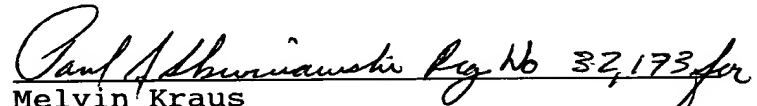
The concise explanation of the relevance of Japanese reference 9-213008 required by 37 CFR 1.98(a)(3)(i) is provided by the English abstract of this reference.

Pursuant to 37 CFR 1.97(b)(1), this Information Disclosure Statement is being submitted within three months of the filing date of the above-identified national application.

It is respectfully requested that this Information
Disclosure Statement be considered.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP


Melvin Kraus
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Attachment

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.36707CX1

SERIAL NO.

Not Yet Assigned

APPLICANT

N. KOBAYASHI et al.

FILING DATE

Even Date Herewith

GROUP

2634 (Anticipated)

11000 U.S. PTO
09/887328



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 8 2 2 3 4 0	10/98	Stenström et al.	714	795	05/10/96
	6 0 4 6 8 7 4	04/00	Takahashi	360	65	12/11/95

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
8- 2 9 3 1 6 4	11/96	Japan	-----	-----	Abstract
9- 2 1 3 0 0 8	08/97	Japan	-----	-----	Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J. Lee et al., "An Advanced Winchester Disk Controller", <u>Proceedings of Technical Papers, 1989 International Symposium on VLSI Technology, Systems and Applications</u> , May 17-19, 1989, Taipei, Taiwan, pp. 376-379, published by IEEE, 1989.
N. Seshadri et al., "List Viterbi Decoding Algorithms with Applications", <u>IEEE Transactions on Communications</u> , Vol. 42, No. 2/3/4, February/March/April 1994, pp. 313-323.
Y. Lin et al., "A Generalized Viterbi Algorithm for Detection of Partial Response Recording Systems", <u>IEEE Transactions on Magnetics</u> , Vol. 32, No. 5, September 1996, pp. 3983-3985.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.